WBR480

ADSL Router with 4-port Fast Ethernet Switch/ 801.11b Wireless LAN

The WBR480 is an ADSL-based wireless router with a built-in four-port fast Ethernet switch. The WBR480 is the easiest way for SOHO users to share and extend high-speed DSL/cable modem Internet connection over existing copper wires, either with or without wires. No need to apply for additional IP addresses or accounts; multi-users can share this one device for Internet broadband surfing, concurrently.

The integrated 10/100 Mbps switch makes the WBR480 more efficient and less expensive than having to purchase separate hubs/switches. The wireless LAN solution offers an extension of existing Ethernet LANs, which extends your network connection and provides the ultimate advantage of wireless mobility.

Plus, with the LAN DHCP feature, the WBR480 automatically completes the network configuration on itself and on all computers connected to the local area network. Zero configuration effort is needed for users.

FEATURES

- Fully compatible with IEEE 802.11b standard and supports a high data rate up to 11 Mbps
- Interoperable with IEEE 802.11b (DSSS) 2.4GHz-Compliant equipment
- Two adjustable antennas provide for better access angle
- Capable of up to 128-bit WEP encryption
- 1 port 10/100 Mbps N-Way Fast Ethernet for WAN (Internet connection)
- 4 ports 10/100Mbps N-Way Fast Ethernet Switch for LAN
- Web UI management
- Support PPPoE, PPPoA, IPoA, RFC1483
- Support ATM Forum UNI 3.1/4.0 PVC
- Support ATM AAL5 (Adoptions Layer type 5)
- Support OAM F4/F5
- Support VPN(PPTP, IP- Sec pass thru)
- LED indicator for received E-Mail
- Support Auto MDI/MDIX for both LAN/WAN port uplink. (10/100Mbps)
- Rich Internet applications are supported such as MSN, Star Craft, AOE, Battle.net multi-user, Crazy Arcade, NetMeeting, ICQ, mIRC, Web browser, FTP, Telnet, E-Mail, News, Ping, PCAnyWhere...
- DHCP server allocates up to 253 client IP addresses
- Static DHCP
- Proxy DNS
- Dynamic DNS (DDNS)
- Virtual server
- DMZ host & Multi-DMZ
- Rich Packet Filters
- Static routing
- Super manager
- Allow firmware upgrade through network
- Natural firewall keeps hackers out
- Load/Save device settings from/to a PC file
- Support Dying Gasp (optional)
- Full-rate ANSI T1.413 Issue 2 and ITU G.dmt (G.992.1)
- Complies with Splitterless ITU G.lite (G.992.2) specification
- ADSL over POTS (Annex A) or ADSL over ISDN (Annex B)
- Full-rate adaptive modem
  - ⇨ Maximum downstream rate of 8 Mbps
  - ⇨ Maximum upstream rate of 1 Mbps

SPECIFICATIONS

Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N-way Auto-Negotiation IEEE 802.11b Wireless LAN
Frequency	2.412 GHz to 2.4835 GHz Direct Sequence Spread Spectrum (DSSS)
Channels	11 Channels (US, Canada), 13 Channels (Europe), 14 Channels (Japan)
Data Rate (wireless)	1, 2, 5.5, and 11Mbps
Security Encryption	64-bit, 128-bit WEP encryption
Antenna	Two fixed type antennas
Power	DC 15V, 800 mA
Connections	WAN: One 10/100Mbps RJ-11 port (1x ADSL Modem port built in) LAN: Four 10/100Mbps switched ports WLAN: 1x 802.11b Access Point
Buttons	One Factory Reset button
LED indicators	**LED Indicators**

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	Power: Green ADSL Link: Green ADSL Activity: Green/Blink LAN Speed: 10/100 Green/Blink LAN Duplex: Green (Full) / Amber (Half)
Protocols Supported	IP, NAT/NAPT, ARP, ICMP, DHCP client/server, PPPoE, PPP, PAP, CHAP, HTTP, TFTP, RIPv1, v2.
Management	Web-Based configuration and management
Physical Dimension	210(W) x 130(D) x 41(H) mm
Weight	568 g
Agency and Regulatory	FCC part 68 Class B, CE mark

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